

# EXHIBIT 2

\*Jon Schaffer  
Batten #28  
Coulter

570-836 1893

Jeff Dynamic 5/1/92 May 14 4pm  
249 4333

Wed 5/8/90

### Meeting Comm. 11:45

1. PPL investigation status
2. Coming Soon: "T" Rating owner
3. Intellible access by Dial America / call over flow
4. Bill R's general reaction
5. Clickstream - 12 test issues

Add  
① Analyze PTV to scheduling  
② Add scheduling to trial  
③ Int "rating" for content testing

3:30 Gadd  
Tech Review

### 4:00 Reddessa

① Tech Update  
- Sys uptime - 2 outages  
- movies viewed  
Customers  
Internal

97.5% up

3 buys/day customers  
32 buys/day internal BMS/Vanguard  
Typical Customer: 3 buys/wk est  
= 1/10 days  
= 0.1/day

35 buys/day  
@ 0.1/customer/day = ~350 customers

Last sys fail: SAT ~3pm

DE-3

1 am SAT/Sun

② Content Update  
Problems w/ Playboy, Groff

WAGA not yet resolved

Home: Gordon still transmitting w/o approved CTR

Awake & Studios

Trying to resolve final terms in contract

SAT	21/22
SUN	22/22
MON	22/28
TUE	
WED	13.5/14

TOTAL 97.5/99 hrs

Tues 5/21/96

## Steering Comm Con't

"T" Rating

25 hrs effort Approved

Emergency  
Broadcast  
512 mass  
reset

## MKIS

MKIS

150K approved for due-diligence  
work Paused while stabilizing system, esp ITC/cross test

Issues of concern

① Clickstream in box - ROM, RAM, etc

② Data transfer - compression, transport, decompress

③ Data processing on server - perf, etc

PRV  
09 smape.com  
maint \$15,000

→ Prevue Status - Jeff Smith

## 3pm Conf Call

what can we do during the day?

✓ MP ← Bootlog here tomorrow

✓ GainIP + PRV - new fragmentation in 1.1.B1

✓ GainIP Contracting issues

✓ CMC

✓ PRV channel lineup/fidèle - something in 1.1.A3p?

✓ PRV new loss

- 6MB box, bytes avail, bytes contiguous

Debug: non debug version

→ HBO testing

Paramount Letter to Scott Ferguson

Home test tool  
Monitoring

Note -  
Patent Loggers

Patent's possibilities?  
Chris Arena 404 249 2612

Tuesday

9AM Field Macroblocky or To Die For, Seven  
Movies missing about 11pm 8:30  
NaviThen: Sensitive to load at movie start times

Schedule

10-2 ITC  
11-1 UTESC  
1-2 B.I.V. TCP/SNMP/etc  
1-2 PSV 1.1.A3 production  
4? GamIP w/main fix

Steering Committee

Prevue Guide

Methods to limit access

"Early" (1st month) free as we finish access control

TED/RICK/HAROLD: Tech Analysis

AKIS

- Believe we can meet ~~8/8~~ Clickstream ~~that~~ Proof of Concept, HAROLD  
Servers handling datastream HAROLD  
MARY

Andrey Channels

67 for July 1 (3 in reserve)

70 for Aug 1

78? Perhaps, w/scrambling

Not scrambling

www Exploration

## Steering Comm

### PC Services

Copy list - Rezac, Ryan, Smith, Leake, Gilchrist

HKIS - Problems w/ HKIS requirements, real needs, etc

Clickstream feasibility due to complete by Aug 31

### WebTV

① Market Research - Swift/Karres/K. Smith

② Americast/MADS

Consider needs/regs/impacts on contracts, RFPs, etc

⇒ ME head investigation - what to do rest of this year?

Pub check

### Objectives

what can we learn about tech issues for Rollout

" for contracts, etc

content that is appealing

SRB in separate box?

Intranet Internet

\* Ker Rhein

404 816 0007

\* Lou

A.04 w/ B11.04 of field GenIP

Problems w/ P.S code may delay

VTELIB complications

Wed 8/7/94

A. John S., Ron C., Mary M.

Current projects

Upcoming

Issues/Concerns

Process

MK15

Tasks

① Work w/ G. Perez to identify and obtain help from other groups (back-end, etc, etc)

### Current Projects

① Nav bug reduction

② Expertise in Gsm IP app devel

③ Clickstream/MK15

Not aware of Nav expectations; reg's

Botten thought it would be done Aug 20

Interplay PIV Send Event code required. Stub exists, but no-one seems to have ever tested this code.

Alternative method: INS RPC

Not as clean, etc

3/16/96

Thursday

Ted

Post: Previous Tech liaison

Clickstream arch/tech mgmt

Specialize: STB, Network, gather, transmit

merge on staging server

(Broadcast long ago)

Americast - Spec reviews, standards compliance

Current time allocation

100% clickstream/Prevue

Americast cut back since Jim Gray picked up

Deane To ID

Return to tech coding etc "Real Work"

Mary Meadows impact

She was primary architect

Worked to ensure design would meet MKIS need.

① MKIS reports

② Data necessary to produce reports

③ How to get/store data

Walt

2-3 wks

Clickstream control system on staging server

10/1X  
3/6X  
background  
workpress

Tim Pilsbury

4 wks

Clickstream collector on staging server  
ex Harris Inc.

① Replacement for Mary

② Staging of MKIS services

① Broadcast 1st, NAV 2nd

② DB/Report - 1st, 2nd, 3rd.

Gavin Sullivan

New version Gain IP

Successfully L2 boot, ITV switch, exit/re-enter.

But stream video due to HP problem

Greg version still says 8/8

→ Mike Wrenham :

9/9/96 Monday

MKIS Update Session

? Who's in charge?

Concern about progress. End-dates too far out

Timeline - complete in March.

Concern: volume data coming back could possibly clog network

Staff = current: needed

LI relationship, joint work, combined projects, etc.

Batten: ? We can get some level of Analog Clickstream (TV surfing) by YE 96

Ryan, Gilchrist, Leske  
Melissa K.  
G. Gray, Batten, Godd.

3:30 Thurs MKIS/Id Dev Staffing / Org

Lon City

\* First contact - Tony DiSessa

Chris Grobicki x262

Lead time : 30 - 45 days - LCh, LCo, LCP

\* Gary Groce

Question on CD-ROM drive for Mike Condon

\* Joe Webb/Ted G - Problems compiling & linking Super App

\* SNET

\* Glende Akers

8205

\* Renee Taylor, HP

HP visit Peter DeGrinis Sept 24 morning?

Overview on AIDS product/project

404 448 - 5209



10/1/96 Tuesday

Harold, Rick, Ted, Mike C  
Jim R.  
Donna, John S, Joe W.

9AM ITV

- ✓ Sys fail
- ✓ PRV code, testing
- ✓ GenITP versioned, Sybase sit
- ✓ Prevue? Upgrading to B2 release.

All Hands

Offsite

- ✓ Targeted ads question/est.

- ✓ sketched alpha randomizing problem

- ✓ MKIS clickstream collection from Navigator working -  
might have broke Surfer temporarily

Ted Grouch?  
Mike Braum?  
QZan

9:30 PC Services

- ✓ Sept. month user measures
- ✓ users/groups for security?
- ✓ SW DBs: CMUI

Issues List

All Hands?

Offsite

- ✓ FITL provisioning → field?
- ✓ 13 Scribes → QAM Friday
- ✓ Status: Ad Blocking, Uninstall
- ✓ Website: mfg 2

- ✓ Cable Modem / ADSL products update mfg?
- ✓ Prototype UDP server

File/dirs  
for archives  
Tom Wilson

1. Sale, install Thurs.
2. folks coming to Demo

mac address IP conflict - 2 customers

→ Email from John P on Vanguard

→ New City orders/returns w/ Keith Hayes

BLS.net Timeline down

Nov 6, 1996

safer for PREVUE  
 SNMP m OS for PREVUE  
 SNMP mgr for PREVUE  
 mem map for clickstream: PREVUE  
 NVRAM space for clickstream: prevue  
 BUS use of SANRAM  
 NAV support for PREVUE boat

\* Contacting Ted in San Diego

\* Jon Johnson  
 Need info on contractors to hire

\* Peter Eggert  
 Plan to move up channels  
 ? Any problem not moving entire spectrum

\* Kristin  
 Coord mty w/ .net 10 wed 11/13?

\* Kristin C front desk

\* Kim

\* Jon

\* Jeff B.

\* Ted G

\* Deborah Baker Contractor

\* Derrell from Rusti Baker

4 requested PTRs

GM version should address all issues

No releases planned after GM

Only 1 ptr change: Default volume

Ted's Cellphone  
 (770) 241 3333

## ENG ALL HANDS

### Topics

- ✓ STB reliability
- ✓ Dec Channel lineup
- ✓ Dekolt opening up

NAV Plan John Stefomik 4:15 - 4:40

3.0 features - (a bit of a repeat) Progress

Holiday Graphics

CCV Backgrounds

CLICKSTREAM SUPPORT

PREVUE compatible

Branded Environments  
~~and~~ Sponsor support

"Ads on Demand"

Polling

Shopping

Ad Hot Links

Targeted Ads

MARKIS Harold Gilchrist 4:40 - 4:50  
Info to capture

Data modelling complete  
Almost ready for sample queries by Melissa

Future  
Track user controls usage  
March target

Market Research Melissa Koser 4:50 - 5:12

Focus group information

① Will not switch for parity offer : More service  
Lower cost

② Savvy consumers - aware of competition

Higher expectations - content, reliability, etc

③ Don't want STB, but will accept if significant value add

④ Customer education

STB, remote controls, new technologies

1/3/97

Fri. 9am

### TRUVE PROBLEMS

occasionally App Hg Deadman Timer msg sent. Apps respond.

- ① In an interactive app. Attempt switch. No response.  
Appears key does not work. App mgr thinks surfer dead
- ② Auto reset on task switch

### NAV 3.5

New NUOD

Clickstream default on

Add playlist diff. - diff ods for diff categories

Movie category changes - Last Chance, Romance (New)

Removal of Holiday Graphics

### SWP Shutdown

- ① Sales: support to PacBell, GTE  
Which version - current field  
- Finish dev work
- ② Finish SWP dev
- ③ Shutdown schedule

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